

DISCHARGING METHOD FOR FLUID SUBSTANCE

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Abstract of JP2003231587

PROBLEM TO BE SOLVED: To provide a method for discharging a powder granular substance with which a small amount of the powder granular substance can be discharged even after a discharging port of a hopper is a closed by a valve.

SOLUTION: The method for discharging a fluid substance comprises steps of opening/closing the discharging port 2 by the valve 3 which can vertically rise/lower in the hopper 1 having the discharging port 2 in a lower conic portion and capable of storing the powder granular substance and opening the discharging port 2 to allow the substance to be fed. The valve 3 is lowered step by step from a full open state until a specified value is reached within a range of set values to measure and control a discharged amount. After the valve 3 closes the discharging port 2, the small amount of the powder granular substance is discharged from an annular gap S formed between a hermetic member 13 and the port 2 by an eccentricity of the valve 3 due to vibration until the set value is reached.

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